

## MATERIAL SAFETY DATA SHEET

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory requirements.

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### 1. Company and Product Identification

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<b>Product:</b>	<b>Bioganic Safety Brands™ Dust Insecticide</b>	<b>Emergency Telephone Number:</b>
	UPC: 79000230004	InfoTrac Chemical Response System
<b>Manufacturer:</b>	Bioganic Safety Brands, Inc.	(800) 535-5053 (24 hours)
	318 Seaboard Lane, Suite 202	<b>For General Information:</b>
	Franklin, TN 37067	(888) 326-7233 (9am to 5pm EST)

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### 2. Ingredients

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<u>Ingredient Name</u>	<u>% by weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
2-Phenethyl Propionate	1.50%	122-70-3	None established
Eugenol (Clove Oil)	3.50%	97-53-0	None established
Inert Ingredients	95.00%	None	None established

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### 3. Hazards Identification

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**Overview:**

- White amorphous dust with a floral scent
- Burning may produce toxic by-products.

**Potential Health Effects:** Prolonged exposure to this product may cause dry skin, eye irritation, and drying of the nasal passages.

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### 4. First Aid Measures

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**Eyes:** Flush with water for at least 15 minutes.  
**Skin:** Wash exposed area with soap and water. Remove contaminated clothing.

**Inhalation:** Move exposed person(s) to fresh air.  
**Ingestion:** Rinse mouth out with water. Do not induce vomiting. Obtain medical attention.

## **5. Fire Fighting Measures**

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**Flashpoint:** ..... Not applicable  
**Flammable Limits:** ..... Not applicable  
**Extinguishing Media:** ..... Carbon Dioxide, Dry Chemical, Foam, or Water  
**Fire and Explosion Hazards:** ..... The product is slightly combustible.  
**Special Fire Fighting Procedures:** ..... None  
**Hazardous Decomposition Products:** ..... Thermal decomposition may produce carbon monoxide and carbon dioxide.

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## **6. Spill/Leak Procedures**

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Should the product be spilled, it may be swept up or vacuumed for disposal. Dispose of the spilled material and container in accordance with local ordinances.

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## **7. Handling and Storage**

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Store in a cool, dry place. Avoid excessive heat. Keep out of the reach of children and animals. Do not contaminate with other pesticides.

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## **8. Exposure Control/Personal Protection**

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**Ventilation:** ..... Local exhaust ventilation is not required. If large quantities (greater than 18 lbs. of dust) are used indoors during a single application, ensure adequate mechanical ventilation.  
**Respiratory Protection:** ..... Not required with adequate ventilation. If ventilation is poor and large quantities are being applied (greater than 18 lbs. of dust), wear a properly fitted half-face or full-face air-purifying respirator which is approved for pesticides (NIOSH/MSHA in U.S.).  
**Eye Protection:** ..... Not required. Safety glasses are recommended during application.  
**Gloves:** ..... Not required.  
**Other Protective equipment:** ..... Not required.

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## **9. Physical Properties**

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**Appearance:** White powder 40(-100 mesh)  
**Odor:** Floral scent

**Weight per Volume:** 30.36 lbs./Cu ft.

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## 10. Stability and Reactivity

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**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur

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## 11. Toxicological Information

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**Rat Acute Oral:**

LD50 > 5000 mg/kg

**Acute effects from Overexposure:**

This product has low oral and dermal toxicity. Prolonged contact with the skin may cause dryness, and contact with the eyes may cause eye irritation. Inhalation of the dust may cause irritation of the nasal passages and lungs. Ingestion of this product could result in irritation of the gastrointestinal tract.

**Chronic Effects from Overexposure:**

No data are available.

**Carcinogenicity:**

NTP: No

OSHA: No

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## 12. Environmental Information

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While specific data regarding toxicity to fish or other aquatic organisms is not available for this product, care should always be taken to prevent pesticides from entering aquifers.

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## 13. Disposal

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When container is empty, recycle if available. If recycling is not possible, rinse the container with water and dispose of with ordinary trash.

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## 14. Transportation Information

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**Proper Shipping Name:** Consumer Commodity

**DOT Hazard Class:** Not regulated

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## 15. Regulatory Information

Product Name: **BIOGANIC SAFETY BRANDS™ DUST INSECTICIDE**

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**NFPA Ratings:** Health - 1 Fire - 1 Reactivity - 0 Special - none

**SARA Title III:** This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.